

## SBAL Area Lighting LED Luminaries

The Kili-LED SBAL Series Area Lighting LED Luminaries utilize innovative heat-sinking and cutting-edge LED technology to deliver a wide range of light outputs. Designed to replace 150W-400W HPS & Metal Halide luminaries, they're perfectly used for airports, parking lots, campuses, and other open spaces where visibility and safety are top priorities.

### FEATURES:

- 100-277VAC/250-528VAC optional.
- ETL/cETL Listed for wet locations application.
- Lumen output range: 9000-32000lms for Single Fixture.
- Optics: Type II, III, IV, V lens optional.
- Mounting for Round pole, Rectangular pole.
- 3000K/4000K/ 5000K CCT.
- Photocell sensor as option.
- 10KA surge protector as option.
- 0-10V dimming / dimming program interface.
- Lifetime: L70 more than 60,000 hours.
- 5-year limited system warranty.



Specifications:

ITEM	SPECIFICATION	KLSBAL060	KLSBAL100	KLSBAL150	KLSBAL200	KLSBAL250	KLSBAL320
		KLHVSBAL060	KLHVSBAL100	KLHVSBAL150	KLHVSBAL200	KLHVSBAL250	KLHVSBAL320
GENERAL PERFORMANCE	Lumens Delivered (lms)	7500lms	12500lms	18000lms	25000lms	31000lms	40000lms
	Efficacy (lm/W)	>125lm/W					
	Beam Angle	T2: Asymmetric Narrow Type II, T3: Asymmetric Wide Type III, T4: Asymmetric Forward Type IV, T5: Symmetric Medium Type V					
	CRI	>70					
	Color Temperature	3000K/4000K/5000K					
	L70@25℃	>60,000hrs					
ELECTRICAL	Power Consumption(W) #1	60W	100W	150W	200W	250W	320W
	Input Voltage	KLSBALXXX:100-277AC, KLHVSBALXXX:250-528VAC					
	Power Factor	>0.9					
PHYSICAL	Housing	Die cast aluminum with powder coat pain					
	Lens	Outdoor PC(f1) Lens					
	Installation	SBAL-TA: Slipfitter Mount, SBAL-TB: Square Pole Mount, SBAL-TC: Round Pole Mount, SBAL-TD: Square Pole Mount, SBAL-TE: Round Pole Mount, SBAL-TF: Trunnion Mount, SBAL-TG: Surface Mount					
	Operating temperature	-20°F to 104°F					
CERTIFICATION	Environment	Outdoor IP66, Wet location					
	Warranty	5 years					
	Certification	ETL/cETL, DLC pending					

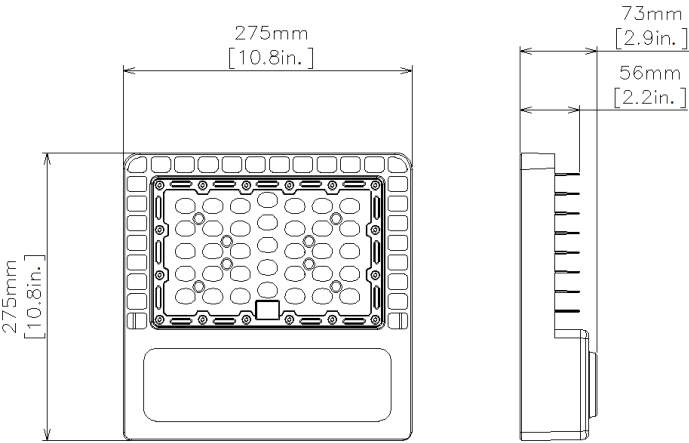
#1: The power consumption can be programmed by the dimming interface, default set as maximum.

Order Information:

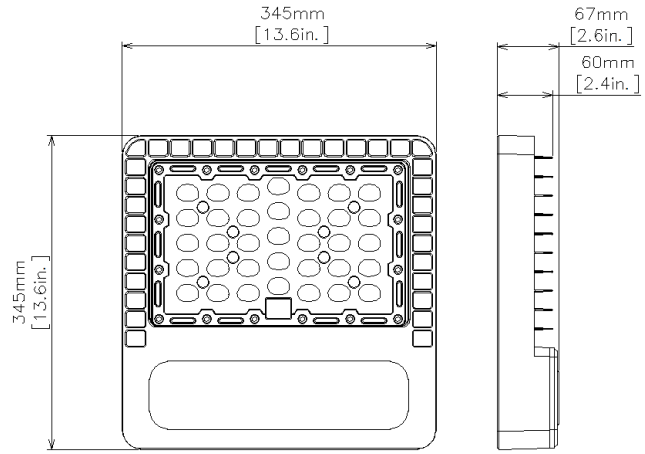
Family	Wattage	Separator	Photometric	CCT	Mount	Sensor	Surge Protector
<b>KLSBAL:</b> Kili-LED	<b>060:</b> 60W	-	<b>T2:</b> Asymmetric Narrow	<b>30K:</b> 3000K	<b>TA:</b> Slipfitter Mount	<b>S0:</b> Without sensor	<b>P:</b> 10KA
100-277VAC	<b>100:</b> 100W		Type II	<b>40K:</b> 4000K	<b>TB:</b> Square Pole Mount	(standard)	<b>S:</b> 6KV
Area Lighting	<b>150:</b> 150W		<b>T3:</b> Asymmetric Wide	<b>50K:</b> 5000K	<b>TC:</b> Round Pole Mount	<b>S1:</b> With sensor of	
<b>KLHVSBAL:</b> Kili-LED	<b>200:</b> 200W		Type III		<b>TD:</b> Square Pole Mount	100-277VAC(JL-205)	
250-528VAC	<b>250:</b> 250W		<b>T4:</b> Asymmetric Forward		<b>TE:</b> Round Pole Mount	<b>S2:</b> With sensor of	
Area Lighting	<b>320:</b> 320W		Type IV		<b>TF:</b> Trunnion Mount	250-480VAC	
			<b>T5:</b> Symmetric Medium		<b>TG:</b> Surface Mount	(JL-207C)	
			Type V				

Dimension: (mm/in)

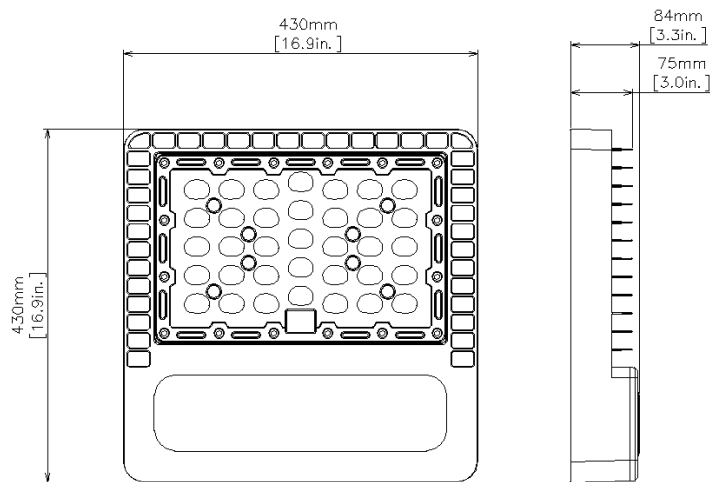
Dimensions of KLSBAL060, KLHVSBAL060, KLSBAL100, KLHVSBAL100



Dimensions of KLSBAL150, KLHVSBAL150, KLSBAL200, KLHVSBAL200



Dimensions of KLSBAL240, KLHVSBAL240, KLSBAL320, KLHVSBAL320



KLSBAL060, KLHVSBAL060, KLSBAL100, KLHVSBAL100:

G/W: 6.50kgs(14.30lbs), Carton Dimension: 48cm\*38cm\*19cm /1pcs

KLSBAL150, KLHVSBAL150, KLSBAL200, KLHVSBAL200:

G/W: 7.80kgs(17.20lbs), Carton Dimension: 55cm\*45cm\*19cm /1pcs

KLSBAL240, KLHVSBAL240, KLSBAL320, KLHVSBAL320

G/W: 11.00kgs(24.30lbs), Carton Dimension: 82cm\*55cm\*19cm /1pcs

**Mount kit TA:** G/W: 10.20kgs (22.50lbs), Carton Dimension: 35cm\*28cm\*22cm /8pcs

**Mount kit TB:** G/W: 6.00kgs (13.20lbs), Carton Dimension: 52.5cm\*31cm\*20cm /8pcs

**Mount kit TC:** G/W: 6.50kgs (14.30lbs), Carton Dimension: 52.5cm\*31cm\*20cm /8pcs

**Mount kit TD:** G/W: 8.90kgs (19.60lbs), Carton Dimension: 52.5cm\*31cm\*20cm /8pcs

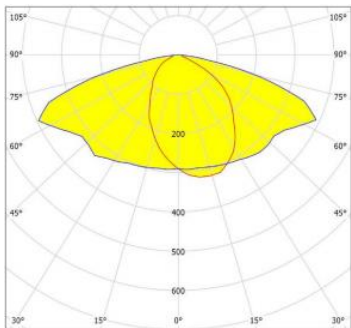
**Mount kit TE:** G/W: 10.00kgs (22.00lbs), Carton Dimension: 52.5cm\*31cm\*20cm /8pcs

**Mount kit TF:** G/W: 11.30kgs (25.00lbs), Carton Dimension: 36.5cm\*27cm\*16cm /10pcs

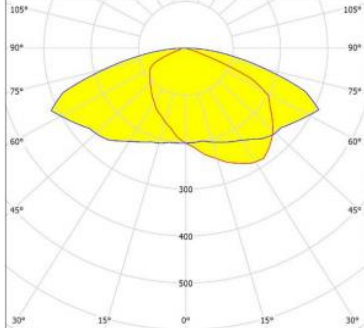
**Mount kit TG:** Packed in the body carton.

Photometric:

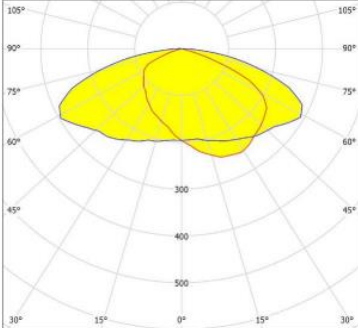
T2: Asymmetric Narrow Type II



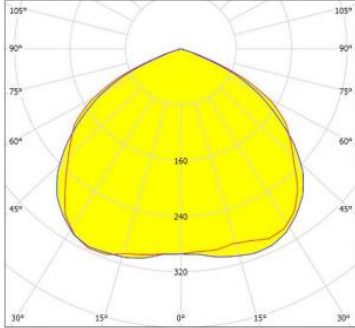
T3: Asymmetric Wide Type III



T4: Asymmetric Forward Type IV



T5: Symmetric Medium Type V

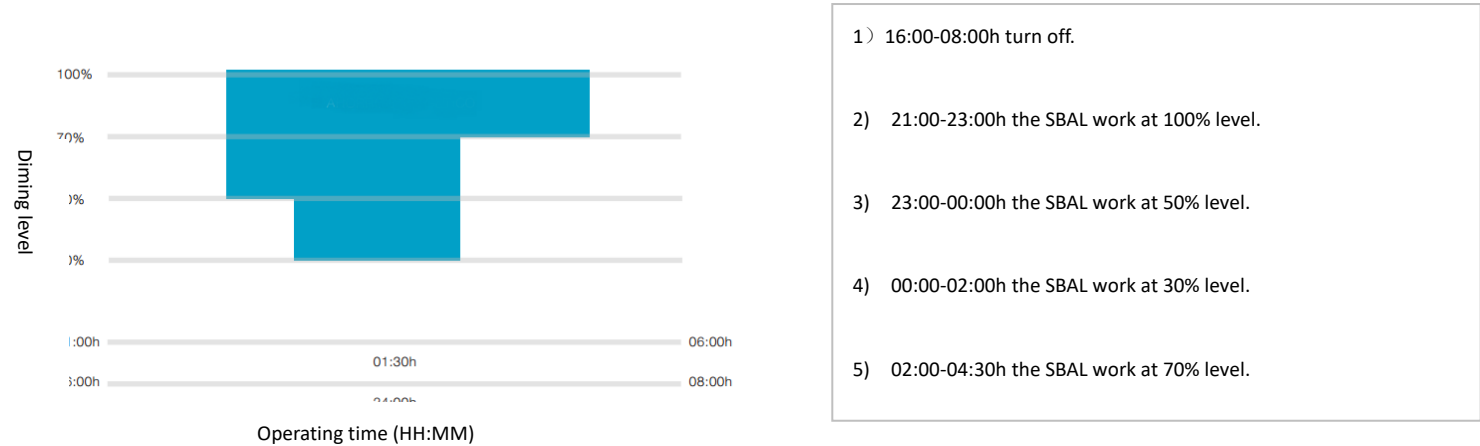


## Time Dimming Program:

The SBAL luminaries can be programmed with a programmer or it can be programmed before ship out.

The SBAL primarily provide the adaptive proportion dimming profile for different level to perform up to 14 consecutive hours. 3 dimming profiles hereunder are defined accounting for the most frequently seen applications.

Ex. The SBAL can set dimming as below



## MOUNTING & ACCESSORIES:

**SENSOR:** S0: Without sensor (standard). S1: With sensor of 100-277VAC(JL-208-15). S2: With sensor of 250-480VAC (JL-208-23)

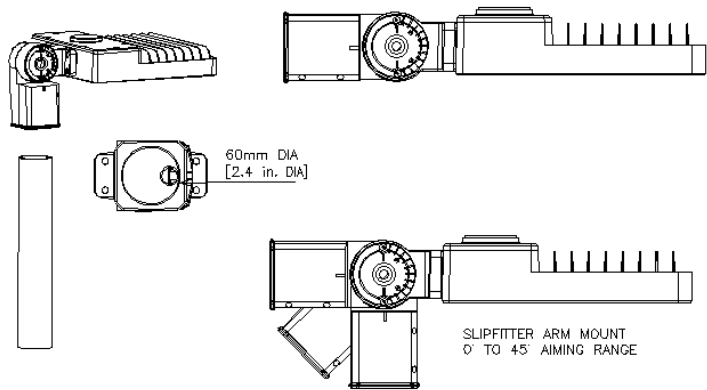


**Surge Protector:** **S:** Standard 6KV provided by the Driver. **P:** A extra protector provided.

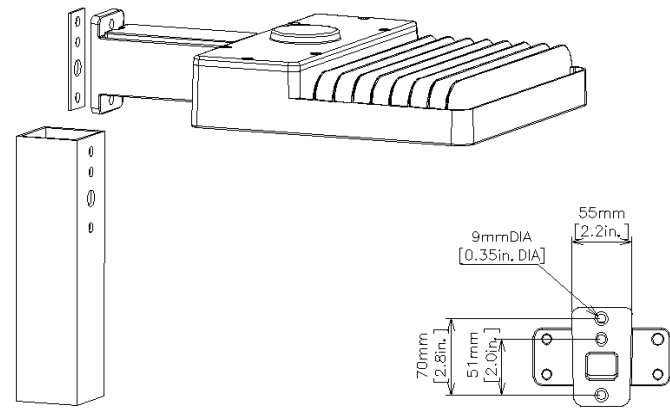
PY-20KS10KTTN use for 347VAC, PU-20KX10KTXX use for 100-277VAC.



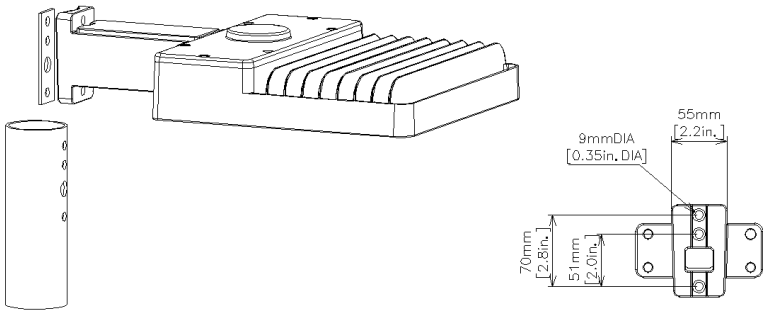
**SBAL-TA:** Slipfitter Mount (2 3/8 in. Inside Diameter)



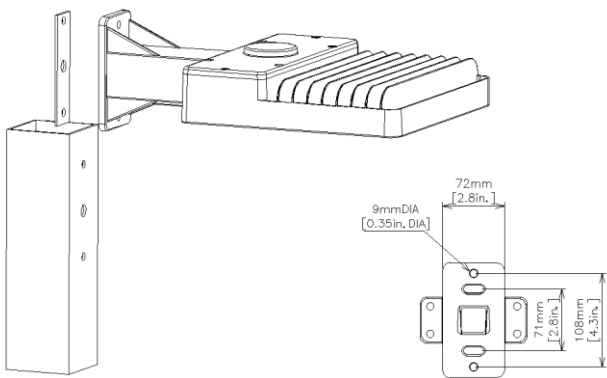
**SBAL-TB:** Square Pole Mount



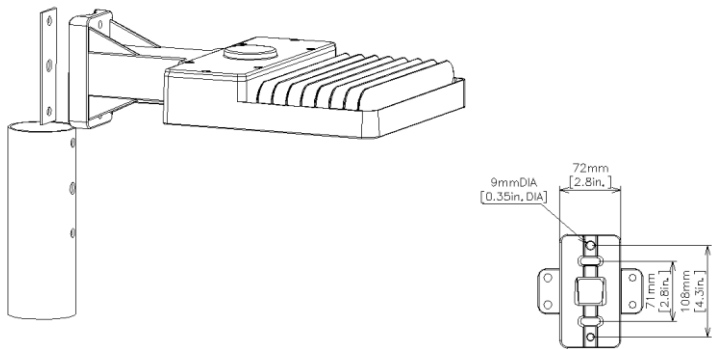
**SBAL-TC:** Round Pole Mount



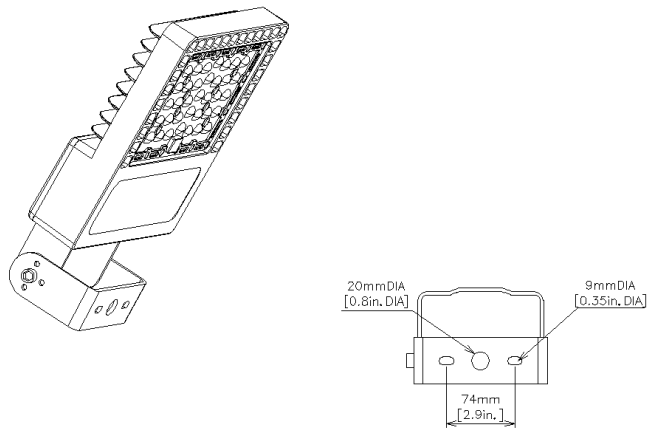
**SBAL-TD: Square Pole Mount**



**SBAL-TE: Round Pole Mount**



**SBAL-TF: Trunnion Mount**



**SBAL-TG: Surface Mount**

